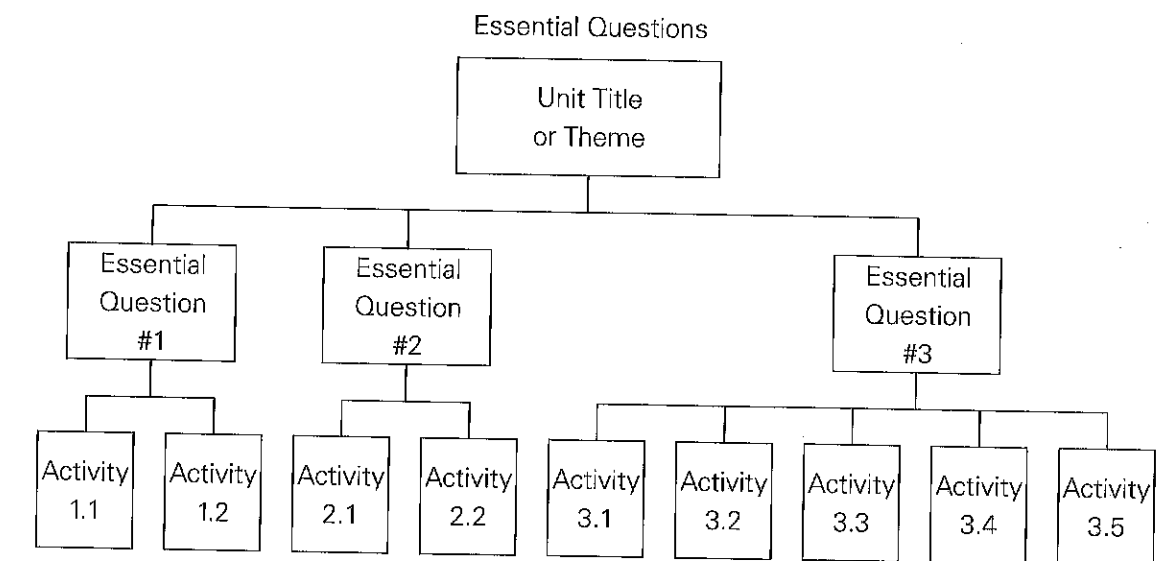


Appendix II

Sample Essential Questions



Flight

- What flies?
- How and why do things in nature fly?
- How does flight impact human beings?
- What is the future of flight?

4th grade, six-week interdisciplinary unit

Intelligence

- What is intelligence?
- How has intelligence evolved?
- How is intelligence measured?
- Is intelligence solely a human phenomenon?
- How will intelligence be altered?

11th grade, four-week A.P. Biology interdisciplinary unit

Multiplication

- How will I ever learn to multiply?

- Where will I ever use multiplication?

2nd and 3rd grade (multigrade classroom), three-week intensive mathematics unit, skills then used throughout the year

Prejudice and Tolerance

- What are the different kinds of human prejudice?

- How can tolerance be taught?

- What has been the impact of individual and group prejudice?

- How can I become more tolerant?

8th grade, three-week interdisciplinary team thematic unit

Everyday Physics: Transportation Safety

- How can cars, boats, and airplanes become safer for passengers?

- How can principles of force and motion help driver effectiveness and safety?

- Are safety and speed compatible?

12th grade, six-week cycle physics course, seminar model

Ancient Egypt: Land of the Pharaohs

- Why Egypt?

- What were major contributions of the ancient Egyptians?

- What is their legacy?

6th grade, seven-week humanities unit, middle school interdisciplinary team unit

Independent Study: Publishing as an Adolescent

- What is the personal story behind my selected adolescent authors?

- How do publishing houses make decisions about submitted manuscripts?

- What is my plan to get published?

- How can I prepare to make a career in publishing?

8th grade, one semester student-centered option

AIDS: A Plague in Our Time

- What is AIDS, and how is it different from other viruses?
- How does AIDS affect the individual?
- How does AIDS affect society?
- What can I do to prevent the spread of this disease?

middle school, two-week intensive schoolwide interdisciplinary unit

Snow

- What is snow?
- How does it affect people?
- How does it affect me?

1st grade, three-week interdisciplinary unit

Japan: Global Studies

- What are the roles of the individual in Japan?
- How does the physical environment of Japan impact its people?
- What is the structure of Japanese society?
- Why Japan?

9th grade, six-week English, social studies, and humanities unit

